

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|--------------------|------------------|---------|---------------------|
| L1 | 440 | 206/709.ccls. or 206/716.ccls. or 206/722.ccls. or 206/724.ccls. | US-PGPUB; USPAT | ADJ | ON | 2010/11/09 15:47 |
| L2 | 0 | l1 and ((sputter or sputtering) with (target or cathode)) | US-PGPUB; USPAT | ADJ | ON | 2010/11/09 15:47 |
| L3 | 2 | l1 and (sputter or sputtering) | US-PGPUB; USPAT | ADJ | ON | 2010/11/09 15:47 |
| L4 | 58858 | (sputter or sputtering) with (target or cathode or component or device) | US-PGPUB; USPAT | ADJ | ON | 2010/11/09 15:49 |
| L5 | 1350 | ((sputter or sputtering) with (target or cathode or component or device)) same (box or container or frame or retention) | US-PGPUB; USPAT | ADJ | ON | 2010/11/09 15:50 |
| L6 | 696 | ((sputter or sputtering) with (target or cathode or component or device)) same (box or container or frame or retention) and (void or hole or aperture) | US-PGPUB; USPAT | ADJ | ON | 2010/11/09 16:05 |
| L7 | 111 | ((sputter or sputtering) with (target or cathode or component or device)) same (box or container or frame or retention) same (void or hole or aperture) | US-PGPUB; USPAT | ADJ | ON | 2010/11/09 16:06 |
| L8 | 4 | ((sputter or sputtering) with (target or cathode or component or device)) same (box or container or frame or retention) same (void or hole or aperture) same (cushion or buffer) | US-PGPUB; USPAT | ADJ | ON | 2010/11/09 16:06 |

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|----|---|---|-------------------|-----|-----|------------------|
| L9 | 3 | ((sputter or sputtering) and (target or cathode or component or device)) and (box or container or frame or retention) and (void or hole or aperture) and (cushion or buffer) | EPO; JPO; DERWENT | ADJ | ON | 2010/11/09 16:07 |
| S1 | 1 | ("5582114").PN. | US-PGPUB; USPAT | OR | OFF | 2008/03/02 19:43 |
| S2 | 1 | jp-11011478-\$.did. | JPO | ADJ | ON | 2008/03/02 19:44 |
| S3 | 1 | jp-2000079942-\$.did. | JPO | ADJ | ON | 2008/03/02 19:44 |
| S4 | 0 | jp-59728-\$.did. | JPO | ADJ | ON | 2008/03/02 19:45 |
| S5 | 4 | jp-59000728-\$.did. or jp-61164126-\$.did. or jp-06018228-\$.did. or jp-04084138-\$.did. | JPO | ADJ | ON | 2008/03/02 19:59 |
| S6 | 0 | ("20050092603" "5899088" "5328585" "5502988" "4387805" "4576390" "4613083" "4823764" RE33482 "5214828" "5314070" "5520384" "5727293" "5760343" "5860232" "5909877" "5999700" "6265548" "6383785" "6738821" "7031904" "7151589" "7236233" "7248340" "20040170390" "20050117142" "20050274791" "20050286029" "20050286041" "20070147784" "5421979" "6103187" "6135168" "4995122" "4439957" "4571760" "4832200" "4941562" "5183200" "5305187" "5314087" "5395009" "5445274" "5518344" "5577616" "5638979" "5669233" "5690450" "5750216" "5794299"). pn. | US-PGPUB; USPAT | ADJ | ON | 2008/03/02 20:00 |

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|----|----|--|--------------------|-----|----|---------------------|
| S7 | 4 | ("20050092603" or "5899088" or "5328585" or "5502988").pn. | US-PGPUB; USPAT | ADJ | ON | 2008/03/02 20:01 |
| S8 | 50 | ("20050092603" or "5899088" or "5328585" or "5502988" or "4387805" or "4576390" or "4613083" or "4823764" or RE33482 or "5214828" or "5314070" or "5520384" or "5727293" or "5760343" or "5860232" or "5909877" or "5999700" or "6265548" or "6383785" or "6738821" or "7031904" or "7151589" or "7236233" or "7248340" or "20040170390" or "20050117142" or "20050274791" or "20050286029" or "20050286041" or "20070147784" or "5421979" or "6103187" or "6135168" or "4995122" or "4439957" or "4571760" or "4832200" or "4941562" or "5183200" or "5305187" or "5314087" or "5395009" or "5445274" or "5518344" or "5577616" or "5638979" or "5669233" or "5690450" or "5750216" or "5794299").pn. | US-PGPUB; USPAT | ADJ | ON | 2008/03/02 20:03 |
| S9 | 0 | jp-11011478-\$.did. | US-PGPUB; USPAT | ADJ | ON | 2008/03/02 20:23 |

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|-----|---------|---|---------------------------|-----|----|---------------------|
| S10 | 1 | jp-11011478-\$.did. | JPO | ADJ | ON | 2008/03/02 20:23 |
| S11 | 1 | jp-2002075977-\$.did. | JPO | ADJ | ON | 2008/03/02 20:28 |
| S12 | 1521370 | box or container | US-PGPUB; USPAT | ADJ | ON | 2008/03/02 20:56 |
| S13 | 1027325 | box or container12 and transport\$3 | US-PGPUB; USPAT | ADJ | ON | 2008/03/02 20:57 |
| S14 | 319973 | S12 and transport\$3 | US-PGPUB; USPAT | ADJ | ON | 2008/03/02 20:57 |
| S15 | 1336 | S14 and (sputter\$3 adj5 target) | US-PGPUB; USPAT | ADJ | ON | 2008/03/02 20:58 |
| S16 | 1203 | S15 and (cover\$3 or protect\$3) | US-PGPUB; USPAT | ADJ | ON | 2008/03/02 20:59 |
| S17 | 228 | S14 and ((sputter\$3 adj5 target) same (cover\$3 or protect\$3)) | US-PGPUB; USPAT | ADJ | ON | 2008/03/02 21:01 |
| S18 | 30 | (box or container) same ((sputter\$3 adj5 target) same (cover\$3 or protect\$3)) | US-PGPUB; USPAT | ADJ | ON | 2008/03/02 21:02 |
| S19 | 2 | (box or container) same ((sputter\$3 adj5 target) same (cover\$3 or protect\$3)) same transport\$3 | US-PGPUB; USPAT | ADJ | ON | 2008/03/02 21:03 |
| S20 | 6 | double near1 box near1 container | US-PGPUB; USPAT | ADJ | ON | 2008/03/02 21:10 |
| S21 | 172 | (sputter\$3 adj5 target) with (box or container) | US-PGPUB; USPAT | ADJ | ON | 2008/03/02 21:13 |
| S22 | 11 | ("3464579" "3746205" "3868041" "5282943" "D292176" "D348220" "D352896" "D359448").PN. OR ("D382111").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/02 21:17 |
| S23 | 174653 | "206".clas. or "220". clas. or "224".clas. | US-PGPUB; USPAT | ADJ | ON | 2008/03/02 21:47 |
| S24 | 1465 | S23 and target | US-PGPUB; USPAT | ADJ | ON | 2008/03/02 21:48 |
| S25 | 10 | S23 and (sputter\$3 adj5 target) | US-PGPUB; USPAT | ADJ | ON | 2008/03/02 21:48 |

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| S26 | 53 | ("3935141" "4192773" "4199472" "4366179" "4579223" "4769175" "4856649" "4856650" "4908151" "4983651" "5021515" "5049624" "5085878").PN. OR ("5378428").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/02 22:00 |
| S27 | 14 | S23 and (sputter\$3 with target) | US-PGPUB; USPAT | ADJ | ON | 2008/03/02 22:05 |
| S28 | 8 | ("4399039" "4836379" "5366079" "5395007").PN. OR ("5577616").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/02 22:14 |
| S29 | 24 | ("2053803" "2695744" "3341051" "3472568" "3885730" "4185673" "4537313" "4889252" "5111957").PN. OR ("5638979").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/02 22:17 |
| S30 | 11 | ("3464579" "3746205" "3868041" "5282943" "D292176" "D348220" "D352896" "D359448").PN. OR ("D382111").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/07/29 16:26 |
| S31 | 29 | ("1986263" "2325371" "2400742" "2618937" "2632311" "2989856" "3280586" "4498312" "5546758").PN. OR ("5669233").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/07/29 16:26 |
| S32 | 92 | ("4041209" "4092264" "4102803" "4166807" "4192773" "4199472" "4230595" "4363734" "4384972" "4510162" "4524015" "4554190" "4588443" "4588561" "4702966" "4745013" "4762722" "4769175" "4769268" "4836952" "4908151" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/07/29 16:26 |

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| | | "4992410" "4999229" "5021515" "5034252" "5049624" "5064698" "5075362" "5085878" "5102673" "5108649" "5120585" "5126174" "5128060" "5143763" "5143769" "5153038" "5180518" "5186991" "5194478" "5202052" "5204389" "5206075" "5207943" "5227411" "5236617" "5239016" "5246753" "5254354" "5262375" "5272210" "5281360" "5286407" "5298532" "5310497" "5346644" "5346697" "5350622" "5358792" "5362531" "5364555" "5376439" "5378428" "5381914" "5387368" "5391420" "5399289" "5419936" "5425896" "5435889" "5437932" "5445856" "5456959").PN. OR ("5830545").URPN. | | | | |
| S33 | 53 | ("3935141" "4192773" "4199472" "4366179" "4579223" "4769175" "4856649" "4856650" "4908151" "4983651" "5021515" "5049624" "5085878").PN. OR ("5378428").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/07/29 16:26 |
| S34 | 24 | ("2053803" "2695744" "3341051" "3472568" "3885730" "4185673" "4537313" "4889252" "5111957").PN. OR ("5638979").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/07/29 16:27 |

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|-----|-------|--|------------------------|-----|----|------------------|
| S35 | 8 | ("4399039" "4836379" "5366079" "5395007").PN. OR ("5577616").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/07/29 16:27 |
| S36 | 19 | ("4606463" "5273154" "5525791" "5553711" "5577616" "5586658" "5697751" "5803269" "5816410" "6070271" "6082540" "6116684" "6193068" "6267245" "6341695" "6533123" "6550619" "6564946").PN. OR ("7059475").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/07/29 16:27 |
| S37 | 50 | ("1921228" "2004626" "2064383" "2331585" "3104085" "3203726" "3314584" "3356209" "3404826" "3482759" "3520769" "3546055" "3645387" "3720035" "3896930" "3973720" "3994433" "4122946" "4287265" "4413735" "4482054" "4602715").PN. OR ("4836379").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/07/29 16:27 |
| S38 | 29277 | (sputter or sputtering) with target | US-PGPUB; USPAT | ADJ | ON | 2009/02/09 17:33 |
| S39 | 10352 | (sputter or sputtering or spatter or spattering) with target | JPO | ADJ | ON | 2009/02/09 17:34 |
| S40 | 971 | S39 and (box or container or module or chest or compartment or bin or carton or crate or vessel or receptacle) | JPO | ADJ | ON | 2009/02/09 17:36 |
| S41 | 37 | S40 and (frame or support) | JPO | ADJ | ON | 2009/02/09 17:36 |
| S42 | 59 | S39 and (storage) | JPO | ADJ | ON | 2009/02/09 17:38 |

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|-----|-------|--|--------------------|-----|----|---------------------|
| S43 | 9983 | S38 and (box or container or module or chest or compartment or bin or carton or crate or vessel or receptacle) | US-PGPUB; USPAT | ADJ | ON | 2009/02/09 17:44 |
| S44 | 14383 | S38 and (box or container or module or chest or compartment or bin or carton or crate or vessel or receptacle or storage) | US-PGPUB; USPAT | ADJ | ON | 2009/02/09 17:45 |
| S45 | 1626 | S38 same (box or container or module or chest or compartment or bin or carton or crate or vessel or receptacle or storage) | US-PGPUB; USPAT | ADJ | ON | 2009/02/09 17:45 |
| S46 | 816 | S38 with (box or container or module or chest or compartment or bin or carton or crate or vessel or receptacle or storage) | US-PGPUB; USPAT | ADJ | ON | 2009/02/09 17:45 |
| S47 | 10352 | (sputter or sputtering or spatter or spattering) with target | JPO | ADJ | ON | 2009/02/09 18:03 |
| S48 | 12 | S47 and ((cylindrical or circular or disk or disc) with (rectangular or rectangle or square)) | JPO | ADJ | ON | 2009/02/09 18:03 |
| S49 | 29527 | (sputter or sputtering or spatter or spattering) with target | US-PGPUB; USPAT | ADJ | ON | 2009/02/09 18:04 |
| S50 | 1806 | S49 and ((cylindrical or circular or disk or disc) with (rectangular or rectangle or square)) | US-PGPUB; USPAT | ADJ | ON | 2009/02/09 18:04 |
| S51 | 209 | S49 same ((cylindrical or circular or disk or disc) with (rectangular or rectangle or square)) | US-PGPUB; USPAT | ADJ | ON | 2009/02/09 18:04 |
| S52 | 116 | S49 with ((cylindrical or circular or disk or disc) with (rectangular or rectangle or square)) | US-PGPUB; USPAT | ADJ | ON | 2009/02/09 18:05 |

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| S53 | 62 | S49 with ((cylindrical or circular or disk or disc) with (rectangular or rectangle or square)) | USPAT | ADJ | ON | 2009/02/09 18:05 |
| S54 | 179234 | "206".clas. or "220".clas. or "224".clas. | US-PGPUB; USPAT | ADJ | ON | 2009/02/09 18:41 |
| S55 | 439 | S54 and (sputter or sputtering or spatter or spattering) | US-PGPUB; USPAT | ADJ | ON | 2009/02/09 18:41 |
| S56 | 19 | S54 and ((sputter or sputtering or spatter or spattering) same target) | US-PGPUB; USPAT | ADJ | ON | 2009/02/09 18:41 |
| S57 | 18 | S54 and ((sputter or sputtering or spatter or spattering) with target) | US-PGPUB; USPAT | ADJ | ON | 2009/02/09 18:41 |
| S58 | 5 | ("20050092603" or "5899088" or "5328585" or "5502988" or "4387805" or "4576390" or "4613083" or "4823764" or RE33482 or "5214828" or "5314070" or "5520384" or "5727293" or "5760343" or "5860232" or "5909877" or "5999700" or "6265548" or "6383785" or "6738821" or "7031904" or "7151589" or "7236233" or "7248340" or "20040170390" or "20050117142" or "20050274791" or "20050286029" or "20050286041" or "20070147784" or "5421979" or "6103187" or "6135168" or "4995122" or "4439957" or "4571760" or "4832200" or "4941562" or | US-PGPUB; USPAT | ADJ | ON | 2009/02/10 12:12 |

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|-----|-------|---|--------------------|-----|----|---------------------|
| | | "5183200" or "5305187" or "5314087" or "5395009" or "5445274" or "5518344" or "5577616" or "5638979" or "5669233" or "5690450" or "5750216" or "5794299").pn. and (sputter or sputtering) | | | | |
| S59 | 28 | (sheet near1 metal) same (sputter or sputtering) | JPO | ADJ | ON | 2009/02/10 12:17 |
| S60 | 1 | (double near1 box near1 container).ti. | US-PGPUB; USPAT | ADJ | ON | 2009/02/10 15:13 |
| S61 | 1 | ((FUMIYA) near2 (NEMOTO)).INV. | US-PGPUB; USPAT | ADJ | ON | 2009/02/10 15:48 |
| S62 | 242 | ((ATSUSHI) near2 (INOUE)).INV. | US-PGPUB; USPAT | ADJ | ON | 2009/02/10 15:49 |
| S63 | 26920 | (box or container) same (frame or border or support) | JPO | ADJ | ON | 2009/06/22 15:05 |
| S64 | 5745 | (box or container) same (frame or border or support) same (inner or outer) | JPO | ADJ | ON | 2009/06/22 15:06 |
| S65 | 3276 | (box or container) same (frame or border or support) same (inner or outer) same (bottom or top or upper or lower) | JPO | ADJ | ON | 2009/06/22 15:06 |
| S66 | 33553 | (sputtering or sputter) with target | US-PGPUB; USPAT | ADJ | ON | 2010/06/21 13:04 |
| S67 | 596 | S66 same (box or container) | US-PGPUB; USPAT | ADJ | ON | 2010/06/21 13:04 |
| S68 | 286 | S66 with (box or container) | US-PGPUB; USPAT | ADJ | ON | 2010/06/21 13:04 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
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|-----|---|--|-------------|-----|----|------------------|
| L10 | 2 | ((sputter or sputtering) and (target or cathode or component or device)) and (box or container or frame or retention) and (void or hole or aperture) and (cushion or buffer)).clm. | USPAT; UPAD | ADJ | ON | 2010/11/09 16:07 |
| L11 | 3 | ((sputter or sputtering) and (target or cathode or component or device)) and (box or container or frame or retention) and (void or hole or aperture) and (wheel or roller)).clm. | USPAT; UPAD | ADJ | ON | 2010/11/09 16:08 |

11/ 9/ 2010 4:08:27 PM**C:\ Documents and Settings\ mband\ My Documents\ EAST\ Workspaces\ 10507235.w sp**